

*Sub D1*

*Helicobacter pylori, Helicobacter hepaticus,*  
*Helicobacter coronari, Campylobacter, and mixtures*  
thereof.

-- 10. (New) The immunomodulatory and vaccine complex according to claim 9 wherein the functional amino acid arm comprises amino acids from collagen.

*B2*  
*cont*

-- 11. (New) The immunomodulatory and vaccine complex according to claim 10 wherein the amino acids from collagen are selected from the group consisting of aspartic acid, hydroxyproline, threonine, serine, glutamic acid, proline, glycine, alanine, valine, methionine, isoleucine, leucine, tyrosine, phenylalanine, lysine, histidine and arginine, and mixtures thereof.

-- 12. (New) The immunomodulatory and vaccine complex according to one of claims 9-11 for use in the treatment of diseases caused by *Helicobacter* bacteria, by the production of antibodies and the production of endogenous interferon.

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-- 13. (New) The immunomodulatory and vaccine complex according to one of claims 9-11 for use as an anti-idiotype vaccine against the idiotype of anti-bacterial antibodies wherein avoidance of recidivations of the initial digestive tract pathology are avoided.

--> 14. (New) The immunomodulatory and vaccine complex according to one of claims 9-11 for use against antibiotic-resistant bacteria which are resistant to conventional treatments.

--> 15. (New) The immunomodulatory and vaccine complex according to one of claims 9-11 wherein the formulation of the said complex enables the simultaneous administration of the said complex together with substances selected from the group consisting of major anti-inflammatory agents of the corticoid type, antibiotics, antisecretory agents such as proton pump inhibitors, products with bacteriostatic effect, products with bactericidal effect and products with bacteriolytic effect, for eradicating *Helicobacter* generating pathogeneses by factors linked to the bacterium such as various cytotoxins and inflammation mediators like Interleukin I and tumor necrosis factor alpha, or by factors linked to the host.

--> 16. (New) The immunomodulatory and vaccine complex according to claim 15 wherein said formulation enables the administration of said complex by a route selected from the group consisting of infusions, intravenous injections, transdermal devices and per os.

In the Specification:

Page 1, on the top of the page, prior to the first line, add the following title:

--ANTI-HELICOBACTER VACCINE COMPLEX--